

What Is Claimed Is:

1. A thermoplastic polymer composition comprising the following components (A), (B), and (C):

5 ethylene - vinyl alcohol copolymer (A);

a polymer mixture (B) composed of a block copolymer (I) mainly comprising a vinyl aromatic polymer block and a conjugated diene polymer block which may be hydrogenated, and a rubber softener (II); and

10 a polyolefin resin (C), wherein

the following three conditions are satisfied:

the ratio of [A]:[B] is in the range of 10:90 to 50:50,

15 the ratio of [I]:[II] is in the range of 30:70 to 90:10,

the ratio of $([A] + [B]):[C]$ is in the range of 100:0 to 100:30, when the blending amount of component (A) in the thermoplastic polymer composition is denoted by [A] parts by weight, the blending amount of component (B) is denoted by [B] parts by weight, the blending amount of component (C) is denoted by [C] parts by weight, the blending amount of block copolymer (I) in component (B) is denoted by [I] parts by weight, and the blending amount of rubber softener (II) is denoted by [II] parts by weight,

25 at least part of the block copolymer (I) is modified at a modification ratio of 0.05 wt.% or higher so as to

have a functional group capable of reacting with the ethylene - vinyl alcohol copolymer (A),

the ISO type A hardness of the composition is not less than 30 and not higher than 90, and

5 the oxygen permeation coefficient is 20,000 mL·20μm/m²·day·atm or less.

2. The thermoplastic polymer composition according to claim 1, wherein the functional group capable of
10 reacting with the ethylene - vinyl alcohol copolymer (A) is a functional group derived from an α, β-unsaturated carboxylic acid and/or a derivative thereof.

3. The thermoplastic polymer composition according to claim 1 or 2, wherein the polyolefin resin (C) is a
15 propylene polymer.

4. The thermoplastic polymer composition according to claim 1 or 2, wherein the polyolefin resin (C) is
20 polypropylene containing a functional group derived from an α,β-unsaturated carboxylic acid and/or a derivative thereof.

5. A molded product composed of the thermoplastic
25 polymer composition of claim 1.

6. The molded product according to claim 5, which is a packing for a container.

7. A multilayer structure comprising a layer
5 composed of the thermoplastic polymer composition of claim 1 and a layer composed of the polyolefin resin (C).

8. The multilayer structure according to claim 7, wherein the layer composed of said thermoplastic polymer
10 composition and the layer composed of the polyolefin resin (C) are directly adhesively bonded to each other.

9. The multilayer structure according to claim 7 or 8, wherein the polyolefin resin (C) is a polypropylene
15 polymer.

10. A packing for a container composed of the multilayer structure of claim 7.